

**METHODS OF PROCESSING AND SYNTHESIZING ELECTRICALLY
CONDUCTIVE POLYMERS AND PRECURSORS THEREOF TO FORM ELECTRI-
CALLY CONDUCTIVE POLYMERS HAVING HIGH ELECTRICAL CONDUCTIVITY**

ABSTRACT OF THE DISCLOSURE

The present invention is directed to methods of solvating electrically conducting polymers and electrically conducting polymers by processing these materials in selected solvents comprising at least one of the solvents being a fluorinated solvent. High solubility and conductivity in the hundreds of S/cm are achieved by these methods. Excellent coatings are attained. These materials have application in EMI shielding, electrodes for displays, contacts for devices, ESD protection, corrosion protection and resists.

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